



## PATENT ABSTRACTS OF JAPAN

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### (54) DRIVE CIRCUIT MOUNTING BOARD OF BRUSHLESS MOTOR, ITS MANUFACTURE, AND BRUSHLESS MOTOR

(57)Abstract:

PURPOSE: To achieve the life elongation of a solder connection and improve the reliability, in the drive circuit mounting board of a brushless motor used as the blast fan driving source for a household air conditioner.

CONSTITUTION: The distance between the bottom of a surface mounting component 1 and the copper part 8 of a drive circuit mounting board 2 is fixed to the height of a spacer 11 by mounting the spacer 11 on the section to mount the surface mounting component 1 of the drive circuit mounting board 2, and mounting the surface mounting component 1 thereon, and soldering it, and the solder layer becomes thick, so the life of the solder connection can be elongated.

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